Where:

Finish Add-On = Grams per square foot of finish add-on applied to a representative section of polyester film or equivalent material substrate.

Final Mass = Final mass in grams of representative section of polyester film or equivalent material substrate, after finishing and drying.

Initial Mass = Initial mass in grams of representative section of polyester film or equivalent material substrate, prior to finishing.

Surface Area = Surface area in square feet of a representative section of polyester film or equivalent material substrate.

(c) Any appropriate engineering units may be used for determining the finish add-on. However, finish add-on results must be converted to the units of grams of finish add-on per square foot of leather processed. If multiple representative leather sections are analyzed, then use the average of these measurements for selecting the appropriate product process operation.

§ 63.5350 How do I distinguish between the water-resistant/specialty and nonwater-resistant leather product process operations?

(a) Product process operations that finish leather for nonupholstery use are categorized as either water-resistant/specialty or nonwater-resistant product process operations. You must distinguish between the water-resistant/specialty and nonwater-resistant product process operations so that you can determine which HAP emission limit in Table 1 of this subpart applies to your affected source. Water-resistant and nonwater-resistant product process operations for nonupholstery use can be distinguished using the methods described in paragraph (b) of this section. Specialty leather product process operations for nonupholstery use can be distinguished using the criteria described in paragraph (c) of this section.

(b) To determine whether your product process operation produces water-resistant or nonwater-resistant leather, you must conduct the Maeser Flexes test method according to American Society for Testing and Materials (ASTM) Designation D2099–00 (incorporated by reference-see § 63.14) or a method approved by the Administrator.

(1) Statistical analysis of initial water penetration data performed to support ASTM Designation D2099–00 indicates that poor quantitative precision is associated with this testing method. Therefore, at a minimum, 36 leather substrate samples (*i.e.*, three sections of leather substrate from at least 12 sides of leather), must be tested to determine the water-resistant characteristics of the leather. You must average the results of these tests to determine the final number of Maeser Flexes prior to initial water penetration.

(2) Results from leather samples indicating an average of 5,000 Maeser Flexes or more is considered a water-resistant product process operation, and results indicating less than 5,000 Maeser Flexes is considered a nonwater-resistant product process operation. However, leather samples resulting in less than 5,000 Maeser Flexes may be categorized as specialty leather in paragraph (c) of this section.

(c) To determine whether your product process operation produces specialty leather, you must meet the criteria in paragraphs (c)(1) and (2) of this section:

(1) The leather must be a select grade of chrome tanned, bark retanned, or fat liquored leather.

(2) The leather must be retanned through the application of greases, waxes, and oils in quantities greater than 25 percent of the dry leather weight. Specialty leather is also finished with higher solvent-based finishes that provide rich color, luster, or an oily/tacky feel. Specialty leather products may include, but not limited to, specialty shoe leather and top grade football leathers.

§ 63.5355 How do I monitor and collect data to demonstrate continuous compliance?

(a) You must monitor and collect data according to this section.

(b) You must collect data at all required intervals as specified in your plan for demonstrating compliance as specified at § 63.5325.